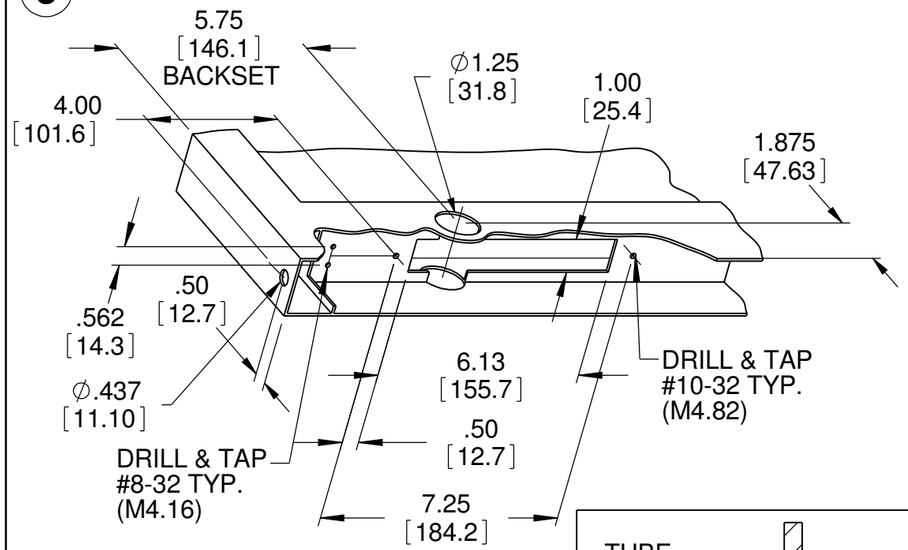
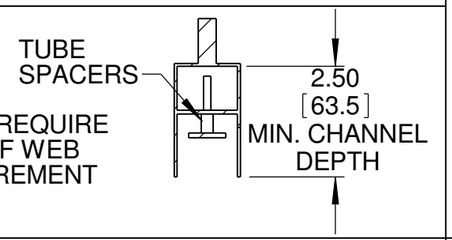
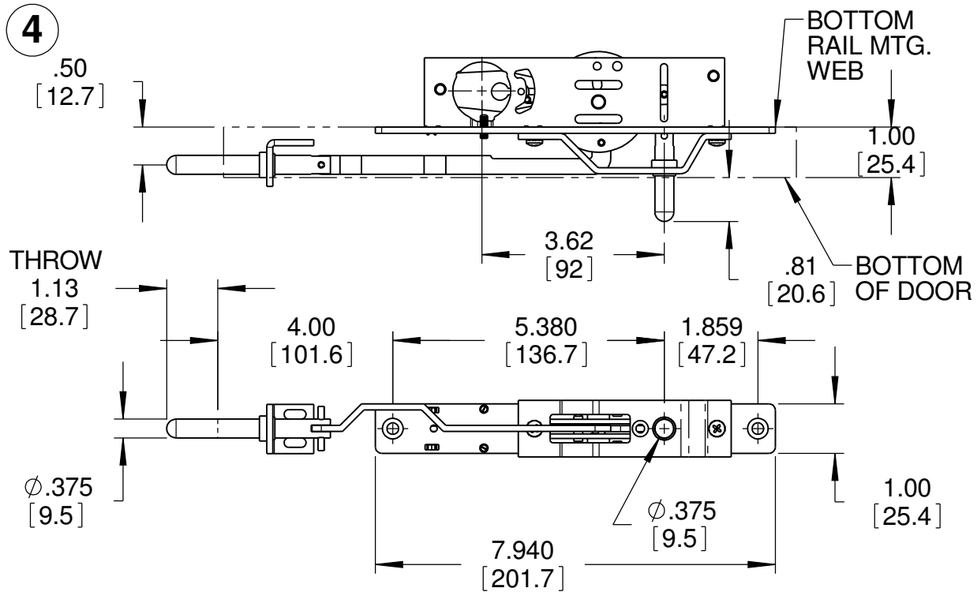
3 BOTTOM RAIL PREPARATION





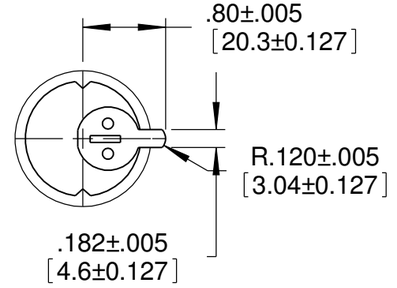
*BOTTOM DOOR RAILS WITH WEB WILL REQUIRE MACHINING AS SHOWN. POSITIONING OF WEB WILL DETERMINE TUBE SPACER REQUIREMENT AND TUBE SPACER LENGTH.

4



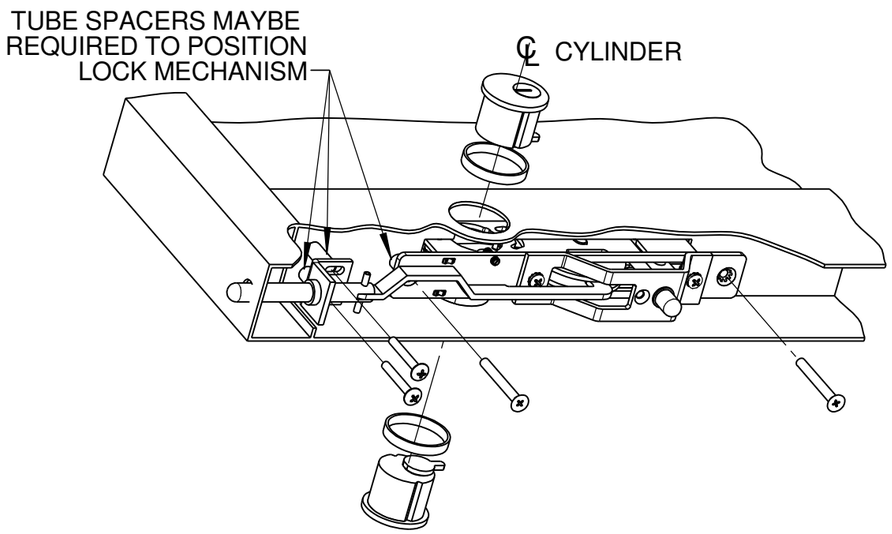
NOTE:
UNIT ILLUSTRATED IS MS1861-02 (BOTH HORIZONTAL & VERTICAL BOLTS INCLUDED). CATALOG NUMBER FOR VERTICAL BOLT OPERATION ONLY IS MS1861-01. CONVERSION KIT NO. 4014 AVAILABLE TO CONVERT MS1861-01 TO MS1861-02.
SEE SECTION 5 BELOW.

6



MS1861 SERIES LOCKS ARE OPERABLE BY ANY STANDARD 1 5/32" (29.3) DIAMATER MORTISE CYLINDER WITH SPECIAL MS CAM DIMENSIONED AS ABOVE. CYLINDERS WITH MS CAMS CAN BE READILY OBTAINED FROM MOST CYLINDER MANUFACTURERS.

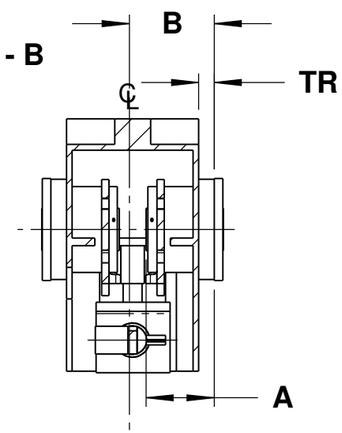
1 MS1861-02 LOCK & CYLINDER INSTALLATION



2

TRIM RING THICKNESS (TR) WILL VARY WITH SPECIFIC CYLINDER MAKE, NUMBER, OF PINS, & BOTTOM RAIL THICKNESS. TO DETERMINE TRIM RING THICKNESS.
USE THE FOLLOWING FORMULA.

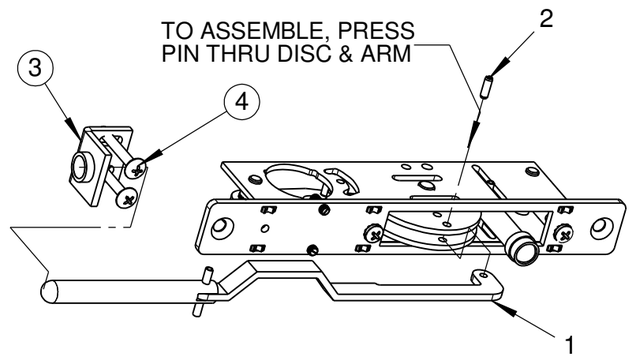
TR = A + .125 - B



5

4014 CONVERSION KIT CONSISTS OF:

1) ARM & BOLT ASSY.
2) ASSEMBLY PIN
3) BOLT GUIDE BRACKET
4) MOUNTING SCREWS



ADAMS RITE MANUFACTURING CO.
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MS1861 SERIES DEADLOCK INSTALLATION INSTRUCTIONS